

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

1. (Currently amended) A method for maintaining a dynamic reference repository for an enterprise, comprising the steps of:

performing by a processing module, an automated identification of a plurality of enterprise information requirements and a plurality of enterprise technology requirements based on a ~~desired~~ plurality of desired enterprise capabilities to ~~thereby~~ identify and populate the dynamic reference repository with a plurality of pertinent inputs required to support the plurality of desired enterprise capabilities;

discovering the pertinent inputs to the dynamic reference repository, the pertinent inputs including updates to a plurality of existing different information resources previously employed to populate the dynamic reference repository, the plurality of existing different information resources containing knowledge accessible to update or add to the collective knowledge stored within the dynamic reference repository, ~~at least two of the existing different information resources containing a same term having disparate meanings therebetween;~~

retrieving the pertinent inputs to the dynamic reference repository to update or add to the collective knowledge stored in the dynamic reference repository, ~~at least two of the pertinent inputs including the same term;~~

contextually mapping ~~the same term found within~~ the pertinent inputs to the dynamic reference repository, ~~to include contextually relating use of the same term within each associated different information resource containing the same term to allow the term to be differentiated and properly used;~~

~~differentiating the same term between the at least two different information resources;~~

distributing the pertinent inputs to update the dynamic reference repository;

dynamically updating identified enterprise requirements received from a procuring entity responsive to receiving updates to one or more of the following: operational requirements, system requirements, technical requirements, and standards requirements;

dynamically updating identified enterprise technologies responsive to receiving updates to one or more of the following: basic science, technological theory, technological solutions, and technological sources;

dynamically updating a knowledge map between enterprise requirements, enterprise technology, and enterprise capabilities responsive to the updated identified enterprise requirements and the updated identified enterprise technologies when occurring;

at least the discovering, retrieving, and mapping performed with an automated software agent configured to communicate with the plurality of information resources and a dynamic reference repository database for storing collective knowledge, the automated software agent stored in a memory device accessible to the processing module;~~;~~ and

~~distributing the pertinent inputs to update the dynamic reference repository.~~

2. (Currently amended) The method of claim 1,

wherein the step of discovering pertinent inputs includes determining the pertinent inputs in a context of ~~the~~ a desired capability;

wherein the automated software agent is customizable by a user to define a customizable software agent; and

wherein the method further comprises the customizable software agent:

mapping an enterprise technical requirement received from a procuring entity and a plurality of pertinent technologies providing different technical solutions to ~~the~~ a desired capability to allow users to evaluate the plurality of different technical solutions to the received enterprise technical requirement;

searching a plurality of information resources to ~~thereby~~ discover the pertinent inputs to the dynamic reference repository,

cataloging the pertinent inputs to the dynamic reference repository, and

maintaining the pertinent inputs to the dynamic reference repository.

3. (Currently amended) The method of claim 1, further comprising the ~~step~~ steps of:

~~dynamically updating identified enterprise requirements provided by a procuring entity responsive to receiving updates to one or more of the following: operational requirements, system requirements, technical requirements, and standards requirements;~~

~~dynamically updating identified enterprise technologies responsive to receiving updates to one or more of the following: basic science, technological theory, technological solutions, and technological sources;~~

dynamically updating identified enterprise subject matter expert expertise for the enterprise responsive to receiving updates to one or more of the following: enterprise subject matter expert operational experience, systems experience, and technical experience; and

wherein the step of dynamically updating a knowledge map between enterprise requirements, enterprise technology, and enterprise capabilities includes dynamically updating a knowledge map between enterprise requirements, enterprise technology, subject matter expert expertise, and enterprise capabilities responsive to ~~the~~ one or more of the following: updated identified enterprise requirements, updated identified enterprise technologies, and updated identified enterprise subject matter expert expertise.

4. (Currently amended) The method of claim 1,

wherein the step of discovering pertinent inputs to the dynamic reference repository includes identifying updates made to the plurality of information resources previously employed to populate the dynamic reference repository;

wherein the step of distributing the pertinent inputs includes updating the database within the dynamic reference repository; and

wherein the method further comprises: providing automated notice of the identified updates made to the existing information resources to each of a plurality of users of the dynamic reference repository, and analyzing and drawing logical linkages between stored repository documents, capability assessments directed to the enterprise, and enterprise subject matter expert inputs.

5. (Currently amended) The method of claim 2,

wherein the customizable agent searches, discovers, and retrieves the pertinent inputs from Internet and intranet resources;

wherein the customizable agent searches, discovers, and retrieves the pertinent inputs from subject matter experts (SMEs) for the enterprise; and

wherein the customizable agent further comprises at least one utility configured to initiate contact with a SME with an online communication and to conduct a SME review or assessment of ~~a~~ an enterprise technology or an enterprise capability, the online communication including a

link to an interactive enterprise website associated with the dynamic reference repository to conduct the SME review or assessment.

6. (Canceled).

7. (Canceled).

8. (Currently amended) The method of claim 1,

wherein pertinent inputs are contained in, and retrieved by the automated software agent from communications addressed to the dynamic reference repository for storage within the dynamic reference repository;

wherein the communications addressed to the dynamic reference repository include e-mails containing a subject matter expert assessment of the desired enterprise capability to identify and refine one or more procurement entity provided requirements or enterprise technology addressed to the dynamic reference repository; and

wherein the automated software agent includes a utility to perform the step of generating a subject matter expert inputs request for information required to produce the determined pertinent inputs to ~~thereby~~ obtain the required pertinent inputs required to satisfy the desired capability.

9. (Canceled).

10. (Currently amended) The method of claim 2,

wherein the customizable agent searches are developed using a graphical user interface (GUI) that interfaces with the dynamic reference repository;

wherein the GUI allows a particular user to develop, customize, and manage the customizable agent searches; and

wherein the method further comprises:

the customizable agent dynamically modifying a custom user search request prior to execution ~~thereof of the custom user search request~~ to define a current dynamic agent search responsive to one or more of the following: past agent usage by the particular user;

~~past search habits of the particular user, and~~ current search habits of the particular user,  
~~and characteristics of the particular user to thereby optimize~~ returned search results, the  
search results including additional information not desired by the particular user to define  
undesired information, and

providing automated feedback to the customizable agent responsive to a user  
refusing the undesired information returned during the current dynamic agent search to  
~~thereby update~~ a next dynamic agent search.

11. (Previously presented) The method of claim 1, further comprising the steps of:

the automated software agent performing an automated recognition of a global  
replacement of a first name of a data item in one of the plurality of information resources with  
that of a second name responsive to contextual usage of the second name in the one of the  
plurality of information resources; and

redefining the first name of the data item to that of the second name responsive to the  
automated recognition of the global replacement of the first name of the data item in the  
respective information resource, to retrieve pertinent articles, knowledge, or pieces of  
information containing the data item previously referred to by the first name in the respective  
information resource.

12. (Currently amended) The method of claim 1,

wherein the step of discovering the pertinent inputs further comprises running periodic  
prioritized customizable agent searches prioritized to specific reference materials; and

wherein the step of discovering the pertinent inputs further comprises automated time  
stamping of the discovered pertinent inputs with current time prior to dissemination of notice  
~~thereof~~ of the discovered pertinent inputs to users of the database.

13. (Currently amended) The method of claim 12,

wherein the customizable agent searches are neutral to document format;

wherein the pertinent inputs further comprise documents required to satisfy the desired  
capability from the plurality of information resources and in a plurality of different document

formats, the plurality of different document formats comprising electronic forms that further comprise MS Office, web document, and e-mail document compatible forms;

wherein the customizable agent identifies the documents required to satisfy the desired capability for retrieval;

wherein the customizable agent integrates the retrieved documents having the plurality of different document formats into a common standard format used within an enterprise architecture system, the integration performed prior to storage in the dynamic reference repository; and storing the retrieved documents in the common standard format.

14. (Canceled).

15. (Currently amended) The method of claim 1,

wherein the step of contextually mapping the pertinent inputs to the dynamic reference repository, includes the step of contextually relating use of a same term within each associated different information resource containing the same term to allow the term to be differentiated and properly used;

wherein the same term comprises an acronym for a first word phrase in one of the at least two different information resources and an acronym for a second word phrase in another one of the at least two different information resources, the second word phrase being unrelated to the first word phrase; and

wherein the method further comprises the step of interpreting the meaning of the same term differently for each of the at least two different information resources to differentiate each meaning of the term relative to the respective information resource to ~~thereby~~ prevent returning non-pertinent inputs to a search query including the term.

16. (Previously presented) The method of claim 1, further comprising the steps of:

the automated software agent performing an automated recognition of a global replacement of a name of a data item in one of the plurality of information resources from a first name during an earlier first time period to a second name during a later second time period responsive to contextual usage of the second name in the one of the plurality of information resources during the second time period; and

retrieving a set of same articles, knowledge, or pieces of information responsive to a plurality of searches by the automated software agent, each based on a separate one of a corresponding plurality of different keyword names referring to a same data item.

17. (Currently amended) A dynamic reference repository system for maintaining a dynamic reference repository for an enterprise, the system comprising:

at least one database;

a plurality of different information resources operably coupled to the dynamic reference repository; and

a processing module operably coupled to the at least one database and operable to execute a set of instructions that when executed cause the processing module to perform the following operations:

~~identify-identifying~~ enterprise information requirements and enterprise technology requirements based on a desired enterprise capability to ~~thereby-identify~~ and populate the dynamic reference repository with pertinent inputs required to support the desired enterprise capability,

~~identify-identifying~~ the pertinent inputs to the dynamic reference repository within the plurality of different information resources, the pertinent inputs comprising data from the plurality of different information resources containing knowledge accessible to update or add to collective knowledge stored within the dynamic reference repository, ~~at least two of the different information resources containing a same term,~~

~~retrieve-retrieving~~ the pertinent inputs to the dynamic reference repository from the plurality of information resources to update or add to the collective knowledge stored in the dynamic reference repository,

~~contextually-map~~ mapping the same term found within the pertinent inputs required to support the desired enterprise capability, from the plurality of different information resources to the dynamic reference repository, ~~to include the following:~~  
~~contextually relate use of the same term within each of the at least two different information resources containing the same term to allow the term to be differentiated and properly used,~~

~~manage~~managing the pertinent inputs to the dynamic reference repository to include;

dynamically updating identified enterprise requirements received from a procuring entity responsive to receiving updates to one or more of the following: operational requirements, system requirements, technical requirements, and standards requirements,

dynamically updating identified enterprise technologies responsive to receiving updates to one or more of the following: basic science, technological theory, technological solutions, and technological sources,

dynamically updating a knowledge map between procurement entity provided enterprise requirements provided by a procurement entity, enterprise technology, subject matter expert inputs, and the desired enterprise capability responsive to one or more of the following: updated identified enterprise requirements, updated identified enterprise technologies, and updated identified enterprise subject matter expert inputs, and

~~distribute~~distributing the pertinent inputs to update the dynamic reference repository.

18. (Currently amended) The dynamic reference repository system of claim 17,

wherein the ~~instructions to identify~~ operation of identifying the pertinent inputs to the dynamic reference repository includes those to determine determining the pertinent inputs in a context of the specified desired capability;

wherein the ~~instructions to~~ operation of ~~dynamically update~~ updating a knowledge map ~~include those to~~ includes:

~~catalog~~cataloging the pertinent inputs to the dynamic reference repository, and

~~map~~mapping an enterprise technical requirement received from a procuring entity and a plurality of pertinent technologies providing different technical solutions to the desired capability to allow users to evaluate the plurality of different technical solutions to the received enterprise technical requirement; and

wherein the system further comprises at least one customizable agent configured to search and retrieve the pertinent inputs to the dynamic reference repository from the plurality of



information resources and to contextually map the pertinent inputs to the dynamic reference repository to the desired capability.

19. (Currently amended) The dynamic reference repository system of claim 17, wherein the pertinent inputs to the dynamic reference repository include updates made to the plurality of information resources utilized by the processing module as a plurality of prior existing sources of information for the dynamic reference repository, ~~and wherein the processing module is further operable to:~~

~~dynamically update identified enterprise requirements provided by a procuring entity responsive to receiving updates to one or more of the following: operational requirements, system requirements, technical requirements, and standards requirements;~~

~~dynamically update identified enterprise technologies responsive to receiving updates to one or more of the following: basic science, technological theory, technological solutions, and technological sources; and~~

~~dynamically updating identified enterprise subject matter expert expertise for the enterprise responsive to receiving updates to one or more of the following: enterprise subject matter expert operational experience, systems experience, and technical experience.~~

20. (Currently amended) The dynamic reference repository system of claim 17,

~~wherein the instructions to identify~~ operation of identifying the pertinent inputs to the dynamic reference repository ~~include those to identify~~ includes identifying updates made to the plurality of information resources being previously employed by the processing module to populate the dynamic reference repository to define a plurality of existing information resources;

~~wherein the instructions to~~ operation of distributing the ~~identify~~ pertinent inputs to the dynamic reference repository ~~include those to update~~ includes updating the database within the dynamic reference repository; and

~~wherein the processing module is further operable to~~ perform the operations of providing ~~provide~~ automated notice of the identified updates made to the plurality of existing information resources to each of a plurality of users of the dynamic reference repository, and ~~analyze~~ analyzing and ~~draw~~ drawing logical linkages between updated repository documents, capability assessments directed to the enterprise, and enterprise subject matter expert inputs ~~stored therein~~.

21. (Currently amended) The dynamic reference repository system of claim 17,

wherein the plurality of information resources comprise one or more of the following:  
Internet, intranet, and subject matter experts (SMEs) resources;

wherein the processing module is further operable to perform the operations of:

discovering ~~discover~~ the pertinent inputs by executing a periodic prioritized search of reference materials within the plurality of information resources prioritized to specific user-selected reference materials,; and ~~wherein the processing module is further operable to~~

~~time-stamp~~ stamping the pertinent inputs with current time prior to dissemination of notice to users of the at least one database.

22. (Currently amended) The dynamic reference repository system of claim 17, further comprising:

at least one customizable agent configured to search and retrieve the pertinent inputs to the dynamic reference repository from the plurality of information resources, and the at least one customizable agent comprising at least one utility configured to initiate contact with a subject matter expert (SME) with an online communication and to conduct an interactive SME review or assessment of a procurement entity provided enterprise requirement, an enterprise technology or the desired enterprise capability, the online communication including a link to an interactive enterprise website associated with the dynamic reference repository to conduct the SME review or assessment; and

an interface configured to provide a single common user entry point into the at least one database for a plurality of physically spaced apart users connected through a corresponding plurality of different networks, and configured to allow each of the plurality of users to create, edit, and manage the at least one customizable agent to create, populate, and maintain contextual information extracted from the plurality of information resources to ~~thereby~~ provide shared knowledge throughout an enterprise.

23. (Currently amended) The dynamic reference repository system of claim 22,

wherein the at least one customizable agent is configured to:

dynamically modify a custom user search request prior to execution ~~thereof~~ of the custom user search request to define a current dynamic agent search responsive to one or more of the following: past agent usage by a particular user, ~~past search habits of the particular user,~~ and current search habits of the particular user, ~~and characteristics of the particular user to thereby optimize returned search results,~~ the search results including additional information not desired by the particular user to define undesired information, and

dynamically perform an automated updating of a next customizable agent search for the particular user responsive to user input refusing the undesired information returned during a current customizable agent search; and

wherein the interface to the at least one database is configured to receive pertinent inputs contained within communications addressed to the dynamic reference repository, and to retrieve the received pertinent inputs to the dynamic reference repository for storage ~~therein~~ in the dynamic reference repository.

24. (Canceled).

25. (Currently amended) The dynamic reference repository system of claim 23,

wherein the communications addressed to the dynamic reference repository are e-mails containing subject matter expert assessments of a procurement entity provided enterprise requirement, enterprise technology, or enterprise capability addressed to the dynamic reference repository; and

wherein the at least one customizable agent includes a utility to generate a subject matter expert input request for information required to produce the determined pertinent inputs to ~~thereby obtain the required pertinent inputs required to satisfy the desired capability.~~

26. (Previously presented) The dynamic reference repository system of claim 23, wherein the at least one customizable agent comprises utilities to:

recognize a global replacement of a first name of a data item in the plurality of information resources responsive to contextual usage of the first name in the plurality of information resources to retrieve pertinent articles, knowledge, or pieces of information containing the data item referred to by a different name in the plurality of information resources; and

redefine the first name of the data item to that of the second name responsive to the recognition of the global replacement of the first name of the data item in the plurality of information resources to retrieve pertinent articles, knowledge, or pieces of information containing the data item previously referred to by the first name in the plurality of information resources.

27. (Currently amended) The dynamic reference repository system of claim 22,

wherein the at least one customizable agent is neutral to document format;

wherein the pertinent inputs further comprise documents required to satisfy the desired capability from the plurality of information resources and in a plurality of different document formats, the plurality of different document formats comprising electronic forms that further comprise MS Office, web document, and e-mail document compatible forms;

wherein the at least one customizable agent is configured to identify the documents required to satisfy the desired capability for retrieval; and

wherein the at least one customizable agent is configured to integrate the retrieved documents having the plurality of different document formats into a common standard format used within an enterprise architecture system including the dynamic reference repository system; and

storing the retrieved documents in the common standard format.

28. (Canceled).

29. (Currently amended) The dynamic reference repository system of claim 17,

wherein the operation of contextually mapping the pertinent inputs to the dynamic reference repository includes the operation of contextually relating use of a same term within each associated different information resource containing the same term to allow the term to be differentiated and properly used; and

wherein the processing module is further operable to perform the operation of: interpret interpreting the meaning of the same term differently for the at least two different information resources to differentiate each disparate meaning of the term relative to the respective associated different information resource to thereby prevent returning non-pertinent inputs to a search query including the term.

30. (Currently amended) The dynamic reference repository system of claim 17, further comprising at least one customizable software agent configured to:

recognize a global replacement of a name of a data item in one of the plurality of information resources from a first name during an earlier first time period to a second name during a later second time period responsive to contextual usage of the second name in the one of the plurality of information resources during the second time period; and

~~retrieving~~ retrieve a second set of articles, knowledge, or pieces of information defining a second set of returned pertinent inputs returned from the one of the plurality of information resources responsive to a second keyword search by the at least one customizable software agent performed during the second time period, the second set of returned pertinent inputs related to a similar first set of previously retrieved pertinent inputs retrieved responsive to a first keyword search ~~performed~~ perform during the first time period, the first keyword search and the second keyword search both including the first name as a keyword and not the second name as a keyword, at least one of the second set of returned pertinent inputs including the second name used ~~therein~~ to refer to the data item and not the first name to refer to the data item.

31. (Currently amended) A method for populating a dynamic reference repository for an enterprise, comprising:

performing by a processing module, an automated identification of enterprise information requirements and enterprise technology requirements based on a desired enterprise capability to thereby identify and populate the dynamic reference repository with pertinent inputs required to support the desired enterprise capability;

discovering pertinent inputs to the dynamic reference repository, the pertinent inputs comprising data from a plurality of information resources containing knowledge accessible to update or add to the collective knowledge stored within the dynamic reference repository;

retrieving the pertinent inputs to the dynamic reference repository, wherein an automated customizable software agent searches for, discovers, and retrieves the pertinent inputs to the dynamic reference repository from Internet or intranet accessible resources;

managing the pertinent inputs to the dynamic reference repository to update or add to the collective knowledge stored in the dynamic reference repository; ~~the managing including:~~

~~contextually relating use of a term within each of a first and a second one of the plurality of information resources containing the term to allow the term to be differentiated and properly used, and~~

~~differentiating a first meaning behind the term with respect to an associated first one of the plurality of information resources and a second meaning behind the term with respect to a second one of the plurality of information resources unrelated to the first meaning, to prevent returning non-pertinent inputs to a search query including the term;~~

distributing the pertinent inputs to populate the dynamic reference repository; and

at least the discovering, retrieving, managing, and distributing performed by the automated customizable software agent configured to communicate with the plurality of information resources and the stored knowledge in the dynamic reference repository, the customizable software agent stored in a memory device accessible to the processing module and including at least one utility configured to initiate contact with a SME with an online communication and to conduct a subject matter expert (SME) review or assessment of an enterprise technology or the desired enterprise capability, the online communication including a

link to an interactive enterprise website associated with the dynamic reference repository to conduct the SME review or assessment.

32. (Currently amended) The method of claim 31, further comprising the steps of:

conducting the SME review or assessment of the enterprise technology or the desired enterprise capability through the interactive enterprise website; and

refining the desired enterprise capability responsive to the SME review or assessment.

~~wherein the customizable software agent further searches for, discovers, and retrieves the pertinent inputs from subject matter experts (SMEs);~~

~~wherein the customizable software agent further comprise at least one utility configured to conduct SME reviews, assessments or interviews; and~~

~~wherein the customizable software agent comprises at least one utility configured to initiate contact with a SME with an online communication and to conduct a subject matter expert (SME) review or assessment of a technology or capability, the online communication including a link to an interactive enterprise website associated with the dynamic reference repository to conduct the SME review or assessment.~~

33. (Currently amended) The method of claim 31,

wherein the step of managing the pertinent inputs to the dynamic reference repository includes the steps of:

contextually relating use of a term within each of a first and a second one of the plurality of information resources containing the term to allow the term to be differentiated and properly used, and

differentiating a first meaning behind the term with respect to an associated first one of the plurality of information resources and a second meaning behind the term with respect to a second one of the plurality of information resources unrelated to the first meaning, to prevent returning non-pertinent inputs to a search query including the term;

wherein the first one of the plurality of information resources is a first electronic communication addressed to the dynamic reference repository;

wherein the second one of the plurality of information resources is a second electronic communication addressed to the dynamic reference repository;

wherein the first and the second meanings are disparate first and second meanings;

wherein the term is an acronym used as a keyword matching a first abbreviation of a word or phrase used within the first electronic communication according to the first meaning and matching a second abbreviation of a different word or phrase used in the second electronic communication according to the second meaning;

wherein the pertinent inputs are contained in and retrieved by the customizable software agent from the first and the second electronic communications addressed to the dynamic reference repository;

wherein the step of contextually relating use of a term within each of a first and a second one of the plurality of information resources containing the term includes: tagging the acronym and contextually relating the acronym separately with each of the separate associated first and second electronic communications to allow the acronym to be differentiated and properly used to maintain integrity of each assigned meaning of the acronym; and

wherein the method further comprises: interpreting the meaning of the acronym differently for the first and the second electronic communications to differentiate each meaning of the acronym relative to the respective electronic communication to prevent returning non-pertinent inputs to a search query directed to data associated with only one of the disparate meanings.

34. (Canceled).

35. (Canceled)

36. (Currently amended) The method of claim 1,

wherein the step of discovering pertinent inputs includes iteratively performing an automated search for updates made to the plurality of existing information resources for the dynamic reference repository and identification ~~thereof~~ of such updates when existing responsive to a preset interval;



wherein the step of distributing the pertinent inputs includes updating the database within the dynamic reference repository responsive to the automated identification of the updates; and

wherein the method further comprises the step of automatically disseminating a plurality of user tailored notices of the identified updates to a corresponding plurality of users of the dynamic reference repository responsive to the automated identification of the updates, each user tailored notice individually tailored for each separate one of the plurality of users responsive to a list of keywords provided by the respective user and different from that of each other of the plurality of users to ~~thereby~~ provide selective individual user-based notification.

37. (Currently amended) The method of claim 1, further comprising the steps of:

dynamically modifying a current search for a user searching the dynamic reference repository prior to execution ~~thereof~~ of the current search responsive to search habits of the user to ~~thereby~~ optimize search results for the user, the search results of the current search including additional information not desired by the particular user to define undesired information; and

dynamically updating a next search responsive to user input rejecting the undesired information gathered during the current search to optimize search results for the user.

38. (Currently amended) The dynamic reference repository system of claim 17,

wherein the processing module is further operable to:

tag a term and contextually relate the term with its associated information resource to allow the term to be differentiated and properly used to ~~thereby~~ maintain integrity of an assigned meaning of the term, and

differentiate a first meaning behind the term with respect to a first associated information resource and a second meaning behind the term with respect to a second information resource to ~~thereby~~ prevent returning non-pertinent inputs to a search query including the term; and

wherein the processing module is further operable to:

redefine contextually a definition of the term underlying the at least one database responsive to one or more identified pertinent inputs identifying a change in a usage of the term ~~therein~~.

39. (Currently amended) The dynamic reference repository system of claim 17,

wherein the instructions to identify pertinent inputs to the dynamic reference repository include those to perform an automated identification of updates made to the plurality of information resources being previously employed by the processing module to populate the dynamic reference repository to define a plurality of existing information resources for the dynamic reference repository and ~~identification thereof~~ of such updates when existing responsive to a preset interval;

wherein instructions to distribute the pertinent inputs includes those to update the at least one database within the dynamic reference repository responsive to the automated identification of the updates; and

wherein the processing module is further operable to automatically disseminate a plurality of user tailored notices of the identified updates to a corresponding plurality of users of the dynamic reference repository responsive to the automated identification of the updates, each user tailored notice individually tailored for each separate one of the plurality of users responsive to a list of keywords provided by the respective user and different from that of each other of the plurality of users to ~~thereby~~ provide selective individual user-based notification to ~~thereby~~ enhance prevention of notification of updates of no interest to the respective user.

40. (Currently amended) The dynamic reference repository system of claim 17, wherein the processing module is further operable to:

dynamically modify a current search for a user searching the dynamic reference repository prior to execution ~~thereof~~ of the current search responsive to search habits of the user to ~~thereby~~ optimize returned search results for the user, the search results of the current search including additional information not desired by the particular user to define undesired information; and

dynamic update a next search responsive to user input rejecting the undesired information gathered during the current search to optimize search results for the user.

41. (Canceled).

42. (Canceled).

43. (Canceled).

44. (New) A dynamic reference repository system for maintaining a dynamic reference repository for an enterprise, the system comprising:

- at least one database;

- a plurality of different information resources operably coupled to the dynamic reference repository; and

- a processing module operably coupled to the at least one database and operable to execute a set of instructions that when executed cause the processing module to perform the following operations:

  - identifying enterprise information requirements and enterprise technology requirements based on a desired enterprise capability to identify and populate the dynamic reference repository with pertinent inputs required to support the desired enterprise capability,

  - identifying the pertinent inputs to the dynamic reference repository within the plurality of different information resources, the pertinent inputs comprising data from the plurality of different information resources containing knowledge accessible to update or add to collective knowledge stored within the dynamic reference repository,

  - retrieving the pertinent inputs to the dynamic reference repository from the plurality of information resources to update or add to the collective knowledge stored in the dynamic reference repository,

  - contextually mapping the pertinent inputs required to support the desired enterprise capability, from the plurality of different information resources to the dynamic reference repository,

  - managing the pertinent inputs to the dynamic reference repository to include:

    - dynamically updating a knowledge map between procurement entity provided enterprise requirements provided by a procurement entity, enterprise technology, subject matter expert inputs, and the desired enterprise capability responsive to one or more of the following: updated identified enterprise

requirements, updated identified enterprise technologies, and updated identified enterprise subject matter expert inputs, and  
distributing the pertinent inputs to update the dynamic reference repository; and  
at least one customizable agent configured to search and retrieve the pertinent inputs to the dynamic reference repository from the plurality of information resources, the at least one customizable agent comprising at least one utility configured to initiate contact with a subject matter expert (SME) with an online communication and to conduct an interactive SME review or assessment of a procurement entity provided enterprise requirement, an enterprise technology or the desired enterprise capability, the online communication including a link to an interactive enterprise website associated with the dynamic reference repository to conduct the SME review or assessment.

45. (New) The dynamic reference repository system of claim 44,

wherein the operation of identifying pertinent inputs to the dynamic reference repository includes determining the pertinent inputs in a context of the specified desired capability;

wherein the operation of dynamically updating a knowledge map includes:

cataloging the pertinent inputs to the dynamic reference repository, and

mapping an enterprise technical requirement received from a procuring entity and a plurality of pertinent technologies providing different technical solutions to the desired capability to allow users to evaluate the plurality of different technical solutions to the received enterprise technical requirement; and

wherein the at least one customizable agent is further configured to contextually map the pertinent inputs to the dynamic reference repository to the desired capability.

46. (New) The dynamic reference repository system of claim 44, wherein the pertinent inputs to the dynamic reference repository include updates made to the plurality of information resources utilized by the processing module as a plurality of prior existing sources of information for the dynamic reference repository, and wherein the processing module is further operable to perform the following operations:

dynamically updating identified enterprise requirements provided by a procuring entity responsive to receiving updates to one or more of the following: operational requirements, system requirements, technical requirements, and standards requirements;

dynamically updating identified enterprise technologies responsive to receiving updates to one or more of the following: basic science, technological theory, technological solutions, and technological sources; and

dynamically updating identified enterprise subject matter expert expertise for the enterprise responsive to receiving updates to one or more of the following: enterprise subject matter expert operational experience, systems experience, and technical experience.

47. (New) The dynamic reference repository system of claim 44,

wherein the operation of identifying the pertinent inputs to the dynamic reference repository includes identifying updates made to the plurality of information resources being previously employed by the processing module to populate the dynamic reference repository to define a plurality of existing information resources;

wherein the operation of distributing the pertinent inputs includes updating the database within the dynamic reference repository; and

wherein the processing module is further operable to perform the operations of providing automated notice of the identified updates made to the plurality of existing information resources to each of a plurality of users of the dynamic reference repository, and analyzing and drawing logical linkages between updated repository documents, capability assessments directed to the enterprise, and enterprise subject matter expert inputs.

48. (New) The dynamic reference repository system of claim 44, wherein the at least one customizable agent is configured to:

dynamically modify a custom user search request prior to execution of the custom user search request to define a current dynamic agent search responsive to one or more of the following: past agent usage by a particular user and current search habits of the particular user to optimize returned search results, the search results including additional information not desired by the particular user to define undesired information, and

dynamically perform an automated updating of a next customizable agent search for the particular user responsive to user input refusing the undesired information returned during a current customizable agent search.

49. (New) The dynamic reference repository system of claim 44, wherein the at least one customizable agent comprises utilities to:

recognize a global replacement of a first name of a data item in the plurality of information resources responsive to contextual usage of the first name in the plurality of information resources to retrieve pertinent articles, knowledge, or pieces of information containing the data item referred to by a different name in the plurality of information resources; and

redefine the first name of the data item to that of the second name responsive to the recognition of the global replacement of the first name of the data item in the plurality of information resources to retrieve pertinent articles, knowledge, or pieces of information containing the data item previously referred to by the first name in the plurality of information resources.

50. (New) The dynamic reference repository system of claim 44, further comprising at least one customizable software agent configured to:

recognize a global replacement of a name of a data item in one of the plurality of information resources from a first name during an earlier first time period to a second name during a later second time period responsive to contextual usage of the second name in the one of the plurality of information resources during the second time period; and

retrieve a second set of articles, knowledge, or pieces of information defining a second set of returned pertinent inputs returned from the one of the plurality of information resources responsive to a second keyword search by the at least one customizable software agent performed during the second time period, the second set of returned pertinent inputs related to a similar first set of previously retrieved pertinent inputs retrieved responsive to a first keyword search performed during the first time period, the first keyword search and the second keyword search both including the first name as a keyword and not the second name as a keyword, at least one of the second set of returned pertinent inputs including the second name used to refer to the data item and not the first name to refer to the data item.